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*National Cooperative Dairy Herd Improvement Program*

RECORD BOOK

*A plan for every size herd*

STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY-A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

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Dairy-Herd-Improvement Letter

October 1962

DHIA COWS AVERAGE MORE THAN 11,000 POUNDS OF MILK

During the year 1961-62, DHIA cows broke their own record again by producing, on the average, 11,032 pounds of milk and 426 pounds of butterfat.

The table on the following page gives the average production of DHIA cows by State, including herds for which only milk and fat production were reported.

The table on page 3 gives the average production and feed consumption on a cow-year basis of DHIA cows by State for the cows and herds tabulated.

On the average, dairymen fed 3,600 pounds of concentrates per cow--400 pounds more than in 1960-61; 8,200 pounds of succulent forage--400 pounds more than in 1960-61; 4,000 pounds of dry forage--100 pounds more than last year, and had cows on pasture 165 days--2 more than in 1960-61.

The increased production average denotes real improvement, but there were 4 herds with 154 cows reported producing less than 3,500 pounds of milk per year. There were 133 more herds with 6,566 cows reported producing less than 5,500 pounds of milk per year. These cows are doing little more than breaking even, if that well.

The other side of the story is that 8,963 herds, including 336,368 cows, produced 11,500 pounds of milk or more and 183 herds with 6,763 cows produced over 15,500 pounds of milk. Cows producing at the level of 15,500 pounds are as a group yielding a substantial return over feed costs to the dairyman.

Issued November 1962

SUMMARY OF THE 1961-62 DAIRY-HERD-IMPROVEMENT ASSOCIATION RECORDS, BY STATES <sup>1/</sup>

State		Herd Records	Cow-Years	Average Production		
Code	Name	Complete and Incomplete		Milk	Test	Fat
		Number	Number	Pounds	%	Pounds
11	Maine-----	577	21,009	10,789	4.0	433
12	New Hampshire-----	282	11,122	10,810	4.1	441
13	Vermont-----	835	35,422	10,197	4.0	412
14	Massachusetts-----	487	20,468	11,174	4.0	449
15	Rhode Island-----	50	2,376	11,018	3.9	425
16	Connecticut-----	448	20,784	11,404	4.0	452
21	New York-----	2,774	122,029	11,764	3.7	439
22	New Jersey-----	406	21,078	10,803	3.9	416
23	Pennsylvania-----	4,261	142,929	10,820	3.9	424
31	Ohio <u>2</u> /-----	1,441	47,490	11,026	3.8	421
32	Indiana-----	805	26,388	10,899	3.9	430
33	Illinois-----	1,522	52,773	10,941	3.9	423
34	Michigan-----	1,824	61,636	11,094	3.8	418
35	Wisconsin-----	2,621	98,146	11,114	3.8	422
41	Minnesota <u>2</u> /-----	2,514	73,195	11,170	3.7	413
42	Iowa-----	1,519	47,282	10,539	3.8	402
43	Missouri-----	507	20,060	10,052	4.0	401
45	North Dakota-----	63	1,990	10,974	3.7	404
46	South Dakota-----	189	5,851	10,897	3.6	394
47	Nebraska-----	218	8,257	10,642	3.9	410
48	Kansas <u>2</u> /-----	399	14,231	10,682	3.9	412
50	Delaware-----	96	3,853	10,216	3.9	395
51	Maryland-----	715	34,573	10,474	3.9	412
52	Virginia-----	1,068	56,746	10,503	3.9	409
54	West Virginia-----	226	8,552	9,443	3.9	365
55	North Carolina-----	493	23,691	10,004	3.8	382
56	South Carolina-----	175	12,112	8,854	4.0	353
57	Georgia-----	151	11,391	8,971	3.9	353
58	Florida-----	107	17,195	7,826	4.2	327
61	Kentucky-----	290	10,888	9,842	3.9	379
63	Tennessee-----	213	9,585	8,588	4.2	359
64	Alabama-----	217	16,593	7,959	4.0	319
65	Mississippi-----	95	5,649	7,342	4.3	314
71	Arkansas-----	49	2,112	8,979	3.8	337
72	Louisiana-----	18	1,125	7,626	4.0	306
73	Oklahoma-----	56	2,544	10,052	3.7	373
74	Texas-----	302	19,955	9,255	3.9	360
81	Montana-----	91	3,925	10,973	3.7	411
82	Idaho-----	546	18,165	10,791	3.9	425
83	Wyoming-----	28	907	10,961	3.7	402
84	Colorado-----	245	13,246	10,806	3.8	415
85	New Mexico-----	53	4,818	10,478	3.9	405
86	Arizona-----	160	19,006	11,638	3.7	429
87	Utah-----	405	15,791	11,911	3.7	444
88	Nevada-----	41	2,462	11,420	3.7	417
91	Washington-----	756	38,356	11,390	4.0	457
92	Oregon-----	424	22,280	9,726	4.3	420
93	California-----	2,005	298,406	12,286	3.8	473
94	Puerto Rico-----	26	3,361	7,186	3.5	248
95	Hawaii-----	1	25	6,643	3.9	259
Total or average-----		32,794 <u>3</u> /	1,531,826	11,032	3.9	426

<sup>1/</sup> Includes incomplete records.<sup>2/</sup> Herds from the following States were omitted through error: Kansas (326), Minnesota (474), Ohio (488).<sup>3/</sup> One less herd than reported in letter to Extension Dairymen. This figure is correct.

SUMMARY OF THE 1961-62 DAIRY-HERD-IMPROVEMENT ASSOCIATION RECORDS, BY STATES <sup>1/</sup>

Code	State	Usable Complete & Incomplete Records	Herd Records tabulated	Cow-Years	Cow-Year Production			Average Feed Consumed			Average days on pasture
					Milk	Test	Fat	Concentrates	Succulent	Dry	
	Name	Number	Number	Number	Pounds	%	Pounds	Cwt	Cwt	Cwt	Number
11	Maine-----	577	566	20,597	10,806	4.0	434	39	59	49	150
12	New Hampshire--	282	251	10,184	10,900	4.1	445	36	83	46	143
13	Vermont-----	835	805	33,947	10,222	4.0	413	33	62	44	156
14	Massachusetts--	487	460	19,054	11,221	4.0	448	42	100	43	132
15	Rhode Island----	50	46	2,234	10,984	3.9	424	42	134	37	112
16	Connecticut-----	448	397	18,398	11,456	3.9	452	44	122	32	136
21	New York-----	2,774	2,724	119,266	11,787	3.7	439	37	106	44	142
22	New Jersey-----	406	289	15,420	10,853	3.9	420	35	121	34	155
23	Pennsylvania----	4,261	3,823	124,193	10,906	3.9	428	37	77	42	172
31	Ohio <sup>3/</sup> -----	1,441	312	8,681	10,670	3.9	419	35	61	43	159
32	Indiana-----	805	801	26,235	10,899	3.9	430	34	85	38	155
33	Illinois-----	1,522	1,447	49,113	11,063	3.9	428	35	65	44	155
34	Michigan-----	1,824	1,674	55,098	11,116	3.8	420	35	73	50	134
35	Wisconsin <sup>2/</sup> ----	2,621	-	-	-	-	-	-	-	-	-
41	Minnesota <sup>3/</sup> ----	2,514	2,247	65,578	11,167	3.7	413	35	73	49	119
42	Iowa-----	1,519	1,462	45,482	10,601	3.8	405	37	79	44	135
43	Missouri-----	507	474	18,327	10,085	4.0	403	35	63	32	183
45	North Dakota----	63	51	1,254	10,593	3.8	398	29	70	49	130
46	South Dakota----	189	168	5,161	10,937	3.6	396	35	76	60	104
47	Nebraska-----	218	178	6,228	10,562	3.9	410	35	87	52	115
48	Kansas <sup>3/</sup> -----	399	320	11,199	10,720	3.9	414	38	82	40	167
50	Delaware-----	96	94	3,745	10,140	3.9	392	34	93	27	198
51	Maryland-----	715	520	24,233	10,463	4.0	416	36	101	33	177
52	Virginia-----	1,068	1,006	53,300	10,583	3.9	411	36	102	30	191
54	West Virginia--	226	217	8,191	9,503	3.9	368	31	73	34	176
55	North Carolina--	493	484	23,180	9,999	3.8	382	36	137	20	183
56	South Carolina--	175	170	11,818	8,906	4.0	355	34	94	20	274
57	Georgia-----	151	141	10,086	9,087	4.0	360	35	72	19	289
58	Florida-----	107	80	11,611	7,793	4.3	334	44	27	17	299
61	Kentucky-----	290	248	8,864	9,728	3.8	373	30	54	34	198
63	Tennessee-----	213	198	8,728	8,592	4.2	361	30	73	25	217
64	Alabama-----	217	196	15,121	7,980	4.0	321	36	43	18	296
65	Mississippi-----	95	90	5,195	7,309	4.3	312	28	46	12	317
71	Arkansas-----	49	49	2,112	8,979	3.8	337	34	46	38	216
72	Louisiana-----	18	17	1,120	7,642	4.0	306	36	35	22	317
73	Oklahoma-----	56	47	2,257	10,000	3.7	371	33	42	43	212
74	Texas-----	302	275	17,903	9,293	3.9	361	40	52	36	250
81	Montana-----	91	50	1,886	11,053	3.7	413	31	50	84	75
82	Idaho-----	546	434	14,214	10,649	4.0	425	24	49	78	96
83	Wyoming-----	28	1	53	12,183	3.7	452	35	110	90	-
84	Colorado <sup>2/</sup> ----	245	-	-	-	-	-	-	-	-	-
85	New Mexico <sup>2/</sup> ----	53	-	-	-	-	-	-	-	-	-
86	Arizona <sup>2/</sup> -----	160	-	-	-	-	-	-	-	-	-
87	Utah <sup>2/</sup> -----	405	-	-	-	-	-	-	-	-	-
88	Nevada <sup>2/</sup> -----	41	-	-	-	-	-	-	-	-	-
91	Washington <sup>2/</sup> ----	756	-	-	-	-	-	-	-	-	-
92	Oregon-----	424	18	863	9,408	4.5	419	29	50	38	218
93	California <sup>2/</sup> ----	2,005	-	298,406	12,286	3.8	473	-	-	-	-
94	Puerto Rico-----	26	23	2,700	6,981	3.6	248	33	-	-	365
95	Hawaii <sup>2/</sup> -----	1	-	-	-	-	-	-	-	-	-
Total or average-----			22,853	882,827	10,676	3.9	413	36	82	40	165
Including Incompletes--		32,794 <sup>4/</sup>									

<sup>1/</sup> Cow-year basis, based on complete individual herd reports only.<sup>2/</sup> Complete feed data not reported.<sup>3/</sup> Herds from the following States were omitted through error: Kansas (326), Minnesota (474), Ohio (488).<sup>4/</sup> One less herd than reported in letter to Extension Dairyman. This figure is correct.



Growth Through Agricultural Progress